

GENERAL INFORMATION
CHAPTER I

1.1 Purpose. The objective of this Users Manual (UM) is to provide user oriented documentation on functional procedures for the Publications Library Management System (PLMS).

1.2 Background. PLMS is a logistics system, intended to assist the heads of staff agencies and activity commanders in complying with the requirement to establish an effective internal publications distribution and retrieval program that ensures publications received and maintained are essential and not duplicated. The PLMS is not a portion of the Marine Corps Publications Distribution System (MCPDS).

1.3 Sponsorship. All official Marine Corps Class I, II, and III Logistics Systems are sponsored by a Headquarters Marine Corps staff agency. The system's official sponsor is responsible for ensuring the system's continued compliance with DoD, DON, and USMC standards; and the system's Life Cycle Management (LCM) including preparation and submission of all LCM documentation, per the Information Resources Management (IRM) regulations in the 5231 and 5236 series; the system's functionality, performance, maintenance, and access and use; and the continued enhancement and upgrade of the system.

1.3.1 PLMS Sponsor. During January 1994, at an HQMC AR sponsored conference, that included representatives of the DC/S I&L, MARCORSYSCOM, and MCLB Albany, GA., the DirAR agreed to accept responsibility for the PLMS, on the condition that the LCM criteria established by MCO P5231.1 and MCO 5236.2, and the IRM's in the 5231 and 5236 series were complied with. To date PLMS is not in compliance with this criteria. However, irrespective of the absence of LCM documentation, the Printing Management and Logistics Branch (ARD), has accepted responsibility for the continued distribution and use of PLMS. Please direct all inquiries, comments, and suggestions regarding performance, maintenance, and use of the PLMS to ARD at the following address.

Headquarters United States Marine Corps (ARD)
2 Navy Annex, Room 1306
Washington, DC 20380-1775

1.3.2 PLMS LCM. The PLMS was a locally developed system, written in a Non-standard programming language (Turbo Pascal) by individuals for their own use. When written, the PLMS was not in compliance with established DoD, DON, or USMC standards, nor has it ever been subject of LCM documentation. Future creation of LCM documentation by the DirAR is subject to availability of resources. Additionally, the Marine Corps does not possess the source code for PLMS. Absent the source code, neither an accurate data dictionary nor file definitions table can be compiled, nor can LCM documentation be feasibly written. Also, systems maintenance is limited to input of current SL 1-2&1-3 data, any other enhancement or upgrade of the PLMS is not possible.

1.3.3 PLMS Update. Updated and distributed quarterly, the PLMS data source is the Stock List 1-2 and 1-3 (SL1-2/1-3). The SL1-2/1-3 are updated quarterly by Marine Corps Logistics Base (MCLB), Albany Ga. MCLB then writes the updated SL1-2/1-3 to a magnetic tape and forwards that tape to the Marine Corps Computer and Telecommunications Activity (MCCTA), at Marine Corps Base Quantico VA. Upon receipt MCCTA runs the tape against the PLMS in an update process wherein PLMS extracts all the SL1-2/1-3 data and writes it into its internal files. The updated PLMS is then made available to the field via the distribution process.

1.3.4 PLMS Distribution. Originally limited to select major command organizations that made further distribution amongst their respective subordinate units. Beginning 1 October 1996, PLMS is available to all Marine Corps activities via the Source Library System (SLS).

1.3.5 The PLMS Download file. The PLMS downloaded through SLS contains two very important files. The READ.ME file and the PUBSUOM.TXT or WPF file(s).

a. The READ.ME file provides pertinent information on how to assemble distribution diskettes and install PLMS. The READ.ME file is updated with each quarterly release and should be reviewed prior to installation. Paragraph 4.2 provides information on how to extract the READ.ME file, and Appendix A contains detailed information concerning its contents.

b. The PUBSUOM.TXT (ASCII Text File) or PUBSUOM.WPF (ENABLE OA File) files serve as an abridged PLMS Users Manual that is distributed with the software. The ".TXT" version is in ASCII text and the ".WPF" version is in ENABLE. Either file can be viewed and/or printed using AMIPRO 3.0. The PUBSUOM.WPF can be viewed and printed using ENABLE and the PUBSUOM.TXT can be viewed and printed using a standard DOS text editor. The contents of the two files/versions are identical. The only difference between the two PUBSUOM files is the format. The PUBSUOM.TXT file is provided for those users who do not have ENABLE, and the PUBSUOM.WPF file is provided for those who do have ENABLE.

1.3.6 SLS Sponsor. The SLS is a Marine Corps Telecommunications and Systems Support Activity (MCTSSA) managed system. SLS is accessible by all Marine Corps activities world-wide that have access to the Marine Corps Data Network (MCDN). The SLS is an on-line library of programs, manuals, software and other services available for direct access and download. It can be accessed through either Banyan Mail or the MCDN Electronic Library and Mail System (ELMS).

1.4 Scope. This manual is written in such a manner as to be instructive to all personnel. This UM was written to supplement the PUBSUOM file(s) and contains more detailed information pertinent to the performance and functionality of PLMS. This manual is intended to provide updated information concerning upgrades of equipment, software, and methods of distribution. This manual is comprised of five chapters and five appendixes.

a. Chapter 1. Consists of introductory information.

b. Chapter 2. Contains information pertinent to the downloading of PLMS. Both the novice and experienced users who have never setup a PC to run PLMS or have never executed a download of PLMS, will find chapter two invaluable.

c. Chapter 3. Contains information pertaining to accessing SLS and affecting the download of PLMS. Instructions for accessing SLS and downloading the PLMS are divided between the two principle access systems Banyan Mail and ELMS.

d. Chapter 4. Consists of information pertaining to the installation and setup of PLMS. These instructions are divided between two basic operating systems, DOS and Windows.

e. Chapter 5. Consists of information pertaining to the daily use of PLMS.

f. Appendix A. Contains definitive information relative to the interpretation of the download READ.ME file and the production of Distribution Diskettes.

g. Appendix B. Contains information pertaining to the various PLMS files.

h. Appendix C. Contains definitions and user actions pertaining to the PLMS Error Messages.

i. Appendix D. Contains a Glossary of Terms.

j. Appendix E. Contains a Publication Control Number Prefix list.

1.5 Numbering System Used.

a. Chapters - each of the five chapters in this manual are numbered consecutively using Roman numerals.

b. Appendixes - each of the five appendixes are located at the rear of the manual following chapter V and are numbered consecutively using Alpha characters.

c. Paragraphs and Subparagraph - numbered consecutively within the chapters. Arabic numerals are used with a period separating the chapter designation from the paragraph designation and the subparagraph designation, so on and so forth as follows:

Chapter I, First paragraph 1.1

Chapter I, First subparagraph 1.1.1

Chapter I, Second subparagraph 1.1.2

Chapter I, Second Paragraph 1.2

Chapter I, Second paragraph's first subparagraph 1.1.1

Chapter I, Second subparagraph's second subparagraph 1.1.2

Chapter II, First paragraph 2.1

Chapter II, First subparagraph 2.1.1

Chapter II, Second subparagraph	2.1.2
Chapter II, Second Paragraph	2.2
Chapter II, Second paragraph's first subparagraph	2.1.1
Chapter II, Second subparagraph's second subparagraph	2.1.2
Chapter III, First paragraph	3.1
Chapter III, First subparagraph	3.1.1
Chapter III, Second subparagraph	3.1.2
Chapter III, Second Paragraph	3.2

d. Itemization - within a paragraph or subparagraph is identified by lowercase letters followed by a period.

e. Sub-Itemization - following an Itemization within a paragraph or subparagraph is identified by Arabic numerals encased within parens ().

f. Chapter Page Numbering - pages within the chapters, beginning with the first page of each chapter, are numbered using Arabic numerals separated by hyphens as follows:

Chapter I, first page	1-1
Chapter I, second page	1-2
Chapter I, third page	1-3
Chapter II, first page	2-1
Chapter II, second page	2-2
Chapter III, first page	3-1

g. Appendix Page Numbering - pages within the appendixes, beginning with the first page of each appendix, are numbered using Alpha characters and Arabic numerals separated by hyphens as follows:

Appendix A, first page	A-1
Appendix A, second page	A-2
Appendix A, third page	A-3
Appendix B, first page	B-1
Appendix B, second page	B-2
Appendix C, first page	C-1

h. Figures - numbered in the format "Figure X-NN" where "X" is the Arabic numeral of the chapter and "NN" is the consecutive count of figures within that chapter as follows:

Figure one in Chapter I	Figure 1-01
Figure two in Chapter I	Figure 1-02
Figure three in Chapter I	Figure 1-03
Figure one in Chapter II	Figure 2-01
Figure two in Chapter II	Figure 2-02
Figure one in Chapter III	Figure 3-01

FIRST TIME USERS
CHAPTER II

2.1 General Information. The following procedures are written with the PLMS first time user in mind. In this regard, the term first time user applies to the first time user/downloader of PLMS and not necessarily a first time user of a PC.

2.2 Novice User. If you are a first time or infrequent user of personal computers you may find it difficult to proceed with the download and installation of PLMS. The statements and terms throughout this manual are presented under the presumption that the user commands at least a rudimentary understanding of the PC, its operating systems, and functions. For detailed assistance on using a PC please contact your local Terminal Area Security Officer (TASO), Information Systems Administrator (ISA), Information Systems Coordinator (ISC), or in the absence of these individuals your supporting Information Systems Management Office (ISMO) for assistance.

2.3 Knowledge Base and Grasp of Terminology. The following list of PC terms is provided as being representative of those used throughout this manual. If the following terms, statements, or systems as a whole are unfamiliar to you, then it is recommended you stop here and contact your TASO, ISA, ISC, or ISMO for assistance.

- a. User-Id, Accessor-Id, or ACID
- b. Disk Operating System (DOS)
- c. Windows 3.1, Windows 3.11 for Workgroups, WindowsNT, or Windows 95
- d. Banyan LAN, Banyan Mail, or ELMS
- e. Hard disk drive, Hard drive, or "C:" drive
- f. Floppy Drives or "A:" or "B:" drives
- g. Floppy Disk, Floppy Diskettes, or 5¼ and 3½ inch floppies
- h. High Density or Low Density, and Double Sided vs Single Sided
- i. Prompt, DOS prompt, or ICON
- j. Logon, Login, Logoff
- k. DOS commands (e.g., Diskcopy, Copy File, and Format Disk)
- l. Windows' Disk Manager Commands (e.g., Disk Format under Program Manager)
- m. File name extension(s) (e.g., .EXE, .ZIP, .TXT, etc....)
- n. Zip File and UnZip File
- o. Executable File(s), Self Expanding Executable File(s)
- p. Expand, Extract, or Explode (as relates to ZIP files)
- q. Make a Directory or Sub-Directory (i.e., DOS Command MKDIR)
- r. Change Directory (i.e., DOS Command "CD\")
- s. Program Manager and File Manager (users of Windows 3.XX products)
- t. Start Button (users of Windows 95)
- u. "Click on" or "Double Click on"
- v. Check-disk or Scandisk (i.e., DOS CHKDSK and/or SCANDISK)
- w. Backup (i.e., DOS or Windows Backup & Restore commands and functions)

2.4 System Requirements. The PC should be configured within the parameters of the Marine Corps established end-user-computing (EUC) standards. For the purposes of accessing SLS and downloading PLMS, these standards are:

- a. Zenith 248, or a IBM PC XT, AT, 286, 386, 486, PS5 or 100% compatible.
- b. DOS based operating system, with or without Windows.
- c. DOS Version 3.0 or higher.
- d. If loaded, Windows version 3.1 or higher (Windows is not a requirement).
- e. 6.5 megabytes of hard disk space available.
- f. 360K of lower DOS memory available.
- g. Floppy Diskette Drive.
- h. Access to either Banyan Mail or ELMS (required only for downloading).

2.5 Prior to Download. Check your Hard-drive for a existing version of PLMS. If one is resident it should be located within the PUBS directory.

2.5.1 Pre-Existing PLMS PUBS Directory. Check for existing versions of PLMSZIP.EXE and PLMSFILE.EXE. If they exist, either copy them to a floppy diskette (one 3.5 inch, 1.44 megabyte, floppy will be required for each file) and then delete them, or just delete them from the hard disk. We recommend you always delete these two files after successful download and extraction. They are not required for the function of PLMS and each requires 1.2 to 1.3 megabytes of valuable disk space.

a. Backup the PUBS directory prior to installing the new updated version. When a new updated version is installed it will overwrite the existing old files. If the new update fails to install correctly or is otherwise corrupt you will need to restore PLMS.

b. If for some reason you are unable to perform the backup (i.e., no diskettes available) and you have sufficient hard disk space for two versions of PLMS (minimum of 6.5 megabytes per version) then create a temp directory and **copy** all files in the PUBS directory to that new directory. Name the new directory PUBSOLD or something along those lines. Be sure to write down the directory name so you can retrieve the files later if needed, or delete them once you have ensured the download of the new version of PLMS was successful and all is functioning as it should.

2.5.2 No Pre-Existing PLMS PUBS Directory. Check to ensure sufficient hard disk space is available.

a. To properly function, PLMS requires approximately 6.5 megabytes of Hard-disk space and 360K of lower DOS memory. You must ensure you have sufficient space on your hard disk to download, expand, install, and subsequently use PLMS. Use the DOS ChkDsk or Scandisk commands to check your hard disk. Also, use a disk defragmenting utility to defrag and optimize your hard disk. This will ensure the hard disk space PLMS is written to is contiguous.

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b. Next, create a directory on your hard-disk named "PUBS." This will be the working directory for PLMS. We recommend you download the PLMS file directly into the PUBS directory and perform all PLMS functions from within that directory.

Note: If you do not command the requisite knowledge and skills to perform the procedures outlined (in a. and b.) above, **STOP!** Those procedures are considered to be some of the most rudimentary in PC resource management. If you do not know how to perform these basic procedures it is doubtful you will be able to successfully download and properly install PLMS without assistance. Contact your TASO, ISA, ISC, or ISMO before proceeding.

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DOWNLOADING PLMS CHAPTER III

3.1 General Information. PLMS may be downloaded from SLS using either Banyan Mail or ELMS. The following procedures explain in detail how to access SLS and download PLMS via Banyan Mail. For guidance on accessing SLS and downloading PLMS via ELMS proceed to paragraph 3.3.

3.2 Procedures for Banyan Mail. The Banyan Mail download is performed in two phases.

3.2.1 Submit the Banyan Mail Inquiry. Phase one is to obtain the current SLS listing and compare the version of PLMS listed therein to that which you currently have to determine if a more recent/updated version is available. You do this by submitting an SLS Inquiry in the following manner:

- a. Logon to **Banyan Mail**.
- b. Choose **Compose**.
- c. Press **Enter**.
- d. Press the **F2** Key.
- e. In the "Pop-Down" Users list, Type **SLSREQ**.
- f. Highlight/select the line that reads:
 "SLSREQ GGSNAD0F GGSNAD0F"

Note: At some organizations the line may appear simply as "--SLS" or "..SLSREQ"

- g. Press **Enter** (an asterisk should appear directly to the left of SLSREQ).
8. Press the **F10** Key, (SLSREQ should appear on the "To:" line of the message).
- h. Press the **F10** Key again, (do not type anything else in the message).
- i. Choose/select either **"send and delete"** or **"send and save"** (If you choose "Just Save" the message will not be transmitted).

3.2.2 System response times. Now you must await the system's response. System response time can be affected by several factors. Delays could range from just a few minutes to a couple of hours depending upon your location, the system you're using, and the number of users on line. Normally you can expect delays from just a few minutes on the east coast to an hour or more for the west coast or Japan and Okinawa. However, there have been occasions here on the East Coast when the response was delayed until the following day.

3.2.3 System's response. The system will respond by message. When the system does respond, you will receive a message from the "SLS@USMC_MASTERMNET@SERVERS." The response message will look similar to the example in figure 3-01.

3.2.4 Reading the response. Upon receipt of the system's response message, you must read it to gain access to the pertinent information. The attached listing is what you are interested in. It lists all systems, programs, and software available through the SLS. The attached listing is in ASCII text. The listing can be viewed on line from within Banyan Mail or written either to your hard disk or a floppy diskette, and then viewed and printed using any DOS based text editor or word processor software. To read the message perform the following:

- a. At the Banyan Mail main menu, choose/select **Read**.
- b. Highlight/select the **UNREAD** response message.
- c. Press **enter**.

```
To:          GM13 CURTIS G BRICKER@ARD@HQMC
Cc:
Bcc:
From:        SLS@USMC_MASTERMNET@Servers
Subject:     SLS Program File Send
Date:        Tuesday, January 23, 1996 10:53:50 EST
Attach:      listing
Certify:     N
Forwarded by:
```

The index for the current SLS is attached.

Figure 3-01. SLS@USMC_MASTERMNET@SERVERS inquiry response.

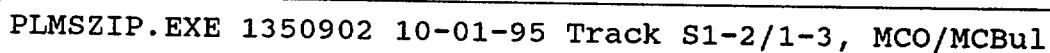
3.2.4.1 To view the attached listing on-line within Banyan:

- a. Position the cursor on the first letter of the word "**Listing**" (i.e., the L) at the "**Attach:**" line in the upper portion of the message address block.
- b. Press the **F4** key.
- c. The attached listing should appear. You can scroll through the list using the "up" & "down" arrow keys or by using the page-up and page-down keys.

3.2.4.2 To view the attached listing using other software: For future reference, it may be desirable to print the SLS list. The F4 view option of Banyan Mail does not offer a print capability, however, the attached list can be viewed and subsequently printed if you use a DOS text editor or a word processor in lieu of the F4 view option. To do this you must write the list to either your hard disk or a floppy diskette. Once you have accomplished that you may view it and/or print it at your leisure. The following provides guidance on writing the attached list to your hard drive.

- a. Press the **F10** key.
- b. Choose/select **File**.
- c. Press **enter**.
- d. Choose/select **Disk File**.
- e. Press **enter**.
- f. Press the **ESC** (escape) Key. [The attached file's name (i.e., Listing) should appear on the line directly below the flashing cursor].
- g. Type in the **full DOS path name**, including the file's name, of where you want to file the "Listing" (e.g., C:\AMIPRO\DOCS\LISTING).
- h. Press **enter**.
- i. Now exit Banyan Mail and proceed to access the listing in the editor or word processor of your choice.

3.2.5 Reviewing the listings contents. The listing is in the format of a memorandum. It contains 5 paragraphs of information concerning SLS, its contents, and instructions on how to download the various applications and software. Following paragraph 5, there are 16 separate directories or list of applications and software available for downloading. These directories are identified by Title and directory number. The PLMS file is located within the "**Supply/Logistics Programs**" directory, identified by that title and directory number "**dir3**." Figure 3-02 is an example of how a PLMS file is listed:



```
PLMSZIP.EXE 1350902 10-01-95 Track S1-2/1-3, MCO/MCBul
```

Figure 3-02, SLS entry for PLMS.

3.2.6 Interpreting the entries. Reading from left to right the following applies:

- a. **PLMSZIP.EXE** This is the complete file name. The extension of .EXE indicates its an executable file. The inclusion of "ZIP" within the first portion of the file name clearly lets us know that its a compressed (ZIP) file. The executable extension (.EXE) further indicates its a "self-expanding or self-extracting" executable ZIP file.
- b. **1350902** This indicates the size of the file in bytes. In this case, the PLMSZIP.EXE file comprises 1,350,902 bytes or 1.3 megabytes.
- c. **10-01-95** Effective date of the file in MM-DD-YY format.

Track SL1-2/1-3,MCO/MCBul Title/name/description of file.

3.2.7 Compare the versions. Compare both the date and size of the listed PLMS file to the version you currently have. A newer version should have a newer date or a corrected copy may be a different size (i.e., byte count is larger or smaller). If this is the case then you should proceed with downloading this file. If its same date and size as the one you currently have then you don't need to down load the file unless your copy is corrupt.

3.2.8 Requesting the PLMS file. Downloading of the PLMS file comprises the second phase of obtaining PLMS via SLS using Banyan Mail. Instructions for downloading files from SLS using Banyan Mail are contained in paragraph 2.a of the listing. Review these instructions carefully, they may change from one file load to another due to system or software changes. Subject to such changes the following general instructions are provided. When the instructions contained in the SLS List differ from the following, those contained within the SLS List should be followed.

- a. Logon to **Banyan Mail**.
- b. At the Banyan Mail main menu choose **Compose**.
- c. Press **enter**.
- d. Press the **F2** Key.
- e. In the "Pop-Down" Users list, Type **SLSREQ**.
- f. Highlight/select the line that reads:
"SLSREQ GGSNAD0F GGSNAD0F"

Note: At some organizations the line may appear simply as "--SLS" or "..SLSREQ"

- g. Press **enter** (an asterisk should appear directly to the left of SLSREQ).
- h. Press the **F10** Key, (SLSREQ should appear on the "To:" line of the message).

i. Using the **down-arrow** key, advance to the message's "**Subject:**" line; type "**SLS PROGRAM REQUEST PLMSZIP.EXE**" exactly as it appears without the quote marks.

j. Press the **F10** Key again, (do not type anything else in the message).

k. Choose/select either "**send and delete**" or "**send and save.**" (If you choose "Just Save" the message will not be transmitted).

3.2.9 SLS response message. When the system does respond, you'll receive another system generated message. This one should contain the PLMSZIP.EXE download file. To download the file into the PUBS directory on your PC, perform the following:

a. At the Banyan Mail main menu choose **Read**.

b. Highlight/select the **UNREAD** response message.

c. Press **enter**.

d. The message should be similar to that in figure 3-03 following:

To: GM13 CURTIS G BRICKER@ARD@HQMC
Cc:
Bcc:
From: SLS@USMC_MASTERNET@Servers
Subject: SLS Program File Send
Date: Tuesday, January 23, 1996 10:53:50 EST
Attach: PLMSZIP.EXE
Certify: N
Forwarded by:

The requested file is attached. No further information is available.

Figure 3-03, SLS file request response message.

3.2.10 Downloading the PLMS file. The attached PLMSZIP.EXE file is what you are interested in. A compressed executable (self-extracting) "ZIP" file, it contains all the programs, and software required to install and run PLMS on your PC workstation. In order to install the programs the file must first be copied to your hard disk, then executed in order to enable the file to extract itself into the various files and programs contained within the "Zipped" file. To accomplish this perform the following:

a. While the response message is still on the screen, press the **F10** key.

- b. Use **down-arrow** key to highlight/select **File**.
- c. Press **enter**.
- d. Use **down-arrow** key to highlight/select **Disk File**.
- e. Press **enter**.
- f. The "**To Store Message**" screen should appear, press the **ESC** key.
- g. The "**To Store Attachment**" screen should appear, press the **ESC** key .

h. The attached file's name should appear on the line directly below the flashing cursor (i.e., PLMSZIP.EXE). **Type** in the **full DOS path** (including filename) of **where you want the file written** (e.g., C:\PUBS\PLMSZIP.EXE).

i. Press **enter**. The system may pause for a few minutes while it writes the file onto the hard disk. In the above example the file would be written to C: drive, into the PUBS directory, and the file name will be PLMSZIP.EXE. The directory you designate must exist on the hard disk or you will receive an error message from Banyan stating "**Unable to create file.**" So ensure the path you enter is correct. Furthermore, it is recommended you use the directory PUBS. This is the default directory name written into the PLMS software.

3.2.11 Download complete. Once the file has been written onto your hard disk Banyan will return to its main menu. Now you can exit Banyan and proceed with installing PLMS.

3.3 Procedures for ELMS. The ELMS download is performed in two phases.

3.3.1 Submit the ELMS Inquiry. Phase one is to obtain the current SLS listing and compare the version of PLMS listed therein to that which you currently have to determine if a more recent/updated version is available. You do this by submitting an SLS Inquiry in the following manner:

- a. Logon to **Electronic Mail System**.
- b. Choose option 2 **Work with Notes**.
- c. Enter **G9F037** as the **User-ID**.
- d. Enter **GGSNAD0F** as the address.
- e. Press **PF3 (ALT+3)** to **Edit Note**.

f. On the next screen, **DO NOT** enter data in the "**To:**", "**From:**", or "**Subject:**" areas. Simply press **PF6 (Alt+6)** to "**send and delete**", or **PF9 (ALT+9)** to "**send and save**".

g. Now you must await the systems response. This could take from just a few minutes to a couple of hours depending upon the system you're using and the number of users on line. Normally you can expect delays from just a few minutes on the East Coast to an hour or more for Japan and Okinawa. However, there have been times when, here on the East Coast, the response wasn't received until the next day.

3.3.2 ELMS/SLS Inquiry Response. When the system does respond, you'll receive a message from the **SLS@USMC_MASTERMNET@SERVERS**. This message will be in MEMO form and comprise two listings that you must download to view. Follow the procedures for downloading from the ELMS under MCDN established at your station for the particular software loaded to your workstation.

3.3.3 Compare the ELMS/PLMS versions. Compare both the date and size of the listed PLMS file to the version you currently have. A newer version should have a newer date or a corrected copy may be a different size (i.e., byte count is larger or smaller). If this is the case then you should proceed with downloading this file. If its same date and size as the one you currently have then you don't need to down load the file unless your copy is corrupt.

3.3.4 Submit the ELMS Request. Phase two is to obtain the PLMS. You will submit a ELMS request identical to that in paragraph 3.3.1 preceding, except that this time you will request the file on the subject line. You do this by submitting an SLS request in the following manner:

- a. Logon to **Electronic Mail System**.
- b. Choose option 2 **Work with Notes**.
- c. Enter **G9F037** as the **User-ID**.
- d. Enter **GGSNAD0F** as the address.
- e. Press **PF3 (ALT+3)** to **Edit Note**.
- f. On the next screen, **DO NOT** enter data in the "**To:**", "**From:**" areas.
- g. Enter "**SLS PROGRAM REQUEST PLMSZIP.EXE**" exactly as it appears here without the quote marks. on the "**Subject:**" line.
- h. Now press **PF6 (Alt+6)** to "**send and delete**", or **PF9 (ALT+9)** to "**send and save**".
- i. Now you must await the systems response. This could take from just a few minutes to a couple of hours depending upon the system you're using and the number of users on line. Normally you can expect delays from just a few minutes on the East Coast to an hour or more for Japan and Okinawa. However, there have been times when the response wasn't received until the next day on the East Coast.

3.3.5 ELMS/SLS PLMS Request Response. When the system does respond, you'll receive a message from the **SLS@USMC_MASTERMNET@SERVERS**. This message will contain the PLMS as an attachment. Follow the procedures for downloading from the ELMS under MCDN established at your station for the particular software loaded to your workstation.

INSTALLING PLMS

CHAPTER IV

4.1 General Information. The PLMSZIP.EXE file downloaded through SLS is a self-extracting compressed file. This means it is a file that is comprised of other files that were all compressed together. The compression was accomplished in such a manner to automatically decompress and write the files contained within it to your hard disk. To install PLMS, we must execute several extraction steps or phases. To extract PLMS and write it to your hard drive will require three steps. To build distribution diskettes will require a few more. Refer to Appendix A for instructions on building distribution diskettes.

4.2 The Extraction Process. The extraction process requires three steps.

a. The first step is to execute/extract the download file PLMSZIP.EXE. This step will produce two files, another ZIP file named **PLMSFILE.EXE** and a file named **READ.ME**.

b. The second step will occur once you execute the second self-extracting ZIP file. It is during this second phase when the working files of PLMS are decompressed from within PLMSFILE.EXE. Fourteen files will be produced during this phase, eight of which are themselves compressed files containing the data necessary to build the working libraries for PLMS. The remaining six files comprise one executable file and five batch files. The one executable file and four of the batch files are only used for distribution diskettes, while the one remaining batch file is used as the primary executable file for PLMS. These fourteen files are:

- (1) IDXREF.EXE
- (2) IDPCN.EXE
- (3) IDPCN2.EXE
- (4) MAIN.EXE
- (5) SL12P2I.EXE
- (6) SL12P2.EXE
- (7) SL13A.EXE
- (8) SL13AI.EXE
- (9) DISKSIZE.EXE
- (10) PUBS.BAT
- (11) INSTALLA.BAT
- (12) INSTALLS.BAT
- (13) INSTALLX.BAT
- (14) INSTALL.BAT

c. The third and final extraction step is to execute each of the eight compressed files that PLMSFILE.EXE contained. These eight files will build the library structure and functionality of PLMS. The following instructions take you step by step through the first steps in this process.

4.3 Extracting PLMSZIP.EXE instructions for DOS. Type only what appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may appear outside the quotes.

- a. At the DOS prompt (C:\>) type: "**CD\PUBS**".
- b. Press **enter**.
- c. At the DOS (C:\PUBS>) prompt type: "**PLMSZIP**".
- d. Press **enter**.
- e. The screen will flash and then you should see the following:

"*** Type "EDIT READ.ME" for instructions *****"**

f. This should scroll across the screen several times, and then you should see: either "**Extracting: PLMSFILE.EXE and Extracting: READ.ME,**" or "**Inflating: PLMSFILE.EXE and Inflating: READ.ME**". When done the screen should return to the DOS prompt. At this point you can proceed with installation, or you can take time to peruse the READ.ME file. We recommend you take the time to read the READ.ME file. The READ.ME file is covered in detail in Appendix A

4.4 Extracting PLMSZIP.EXE in Windows 3.1, 3.11, and WindowsNT.

- a. From **Program Manager**, click on "**File**" (located in upper left hand corner of the Windows screen).
- b. In the Pop-Down Menu, click on "**Run**".
- c. In the Pop-Down "Run" Control Box, click on "**Browse**".
- d. In the Pop-Down "Browse" Control Box, use the cursor arrow/pointer to click on the "C:\" next to the small "folder" icon in the left hand interior box, located under "directories".
- e. Using the cursor arrow/pointer **click on** and **drag** down the small square box inside the "**scroll bar**" of the directories control box, you should see the list of your primary directories scroll upwards as you pull/drag the small square box downward.
- f. Drag the box downward until the "**PUBS**" directory appears. **Double-Click** on the "**PUBS**" directory. The files in the PUBS directory should appear in the right hand interior box. If all previous steps were completed successfully, then the file "PLMSZIP.EXE" should appear there.
- g. Select "**PLMSZIP.EXE**" then click on "**OK**".

h. The following should appear in the "RUN" Control Box: "C:\PUBS\PLMSZIP.EXE." If it does, then click on "OK". If C:\PUBS\PLMSZIP.EXE does not appear in the "RUN" Control Box, then backup and review all the previous steps ensuring each is completed successfully before proceeding to the next.

i. The screen will flash and then you should see the following:

***** Type "EDIT READ.ME" for instructions *****

j. This should scroll across the screen several times, and then you should see: either "Extracting: PLMSFILE.EXE and Extracting: READ.ME," or "Inflating: PLMSFILE.EXE and Inflating: READ.ME". When done the screen should return to DOS prompt. At this point you can proceed with installation, or you can take time to peruse the READ.ME file. We recommend you take the time to read the READ.ME file. The READ.ME file is covered in detail in Appendix A

4.5 Extracting PLMSZIP.EXE in Windows95.

- a. Click on the **Start** button.
- b. In the Pop-Down Menu, click on **Run**.
- c. In the Pop-Down Run Control Box, click on **Browse**.
- d. In the Pop-Down Browse Control Box, use the mouse pointer to click on the downward pointing arrow located just to the right of the "Look in" box.
- e. In the Pop-Down Look in Box, use the mouse pointer to click on **C:** drive.
- f. Using the mouse pointer to **drag** the small square **box** inside the left-to-right **scroll bar** of the directories control box, to the right. You should see the list of your primary directories scroll to the left as you pull/drag the small square box to the right. Continue to drag the box to the right until the "PUBS" directory appears next to its folder **ICON**.
- g. Double Click on the **PUBS** directory **folder**. The PUBS directory with its folder **ICON** should jump up to the "Look in" control box, and a list of executable files contained within the PUBS directory should appear in the lower box. If all previous steps were completed successfully, then the file "PLMSZIP.EXE" should appear there.
- h. Click on "**PLMSZIP.EXE**", the file name should appear in the lower "File Name" box.
- i. Now click on "Open."

- j. The RUN box should reappear with "C:\PUBS\PLMSZIP.EXE" in the "Open" control box.
- k. Click on "OK."

l. The Win95 DOS window should open and then you should see the following scroll down the screen.

"*** Type "EDIT READ.ME" for instructions *****"**

m. This message should be followed by either **"Extracting: PLMSFILE.EXE** and then **Extracting: READ.ME,"** or **"Inflating: PLMSFILE.EXE** and then **"Inflating: READ.ME".**

n. When extraction is done all screen activity should halt. Click on the "X" in the upper right hand corner to close the screen. At this point you can proceed with installation, or you can take time to peruse the READ.ME file. We recommend you take the time to read the READ.ME file. The READ.ME file is covered in detail in Appendix A

4.6 The PLMS READ.ME File. Before you proceed with the second phase of extracting the PLMS files, you should review the instructions contained within the READ.ME file. The READ.ME file contains helpful and often times critical information pertinent to the installation and use of PLMS. Appendix A contains specific and detail information concerning the READ.ME file.

4.7 Extracting the PLMSFILE.EXE. The second step to extracting the PLMS files is accomplished by executing PLMSFILE.EXE. The procedures for extracting it are essentially the same as those for PLMSZIP.EXE. Refer to the appropriate preceding paragraphs for detail instructions. However, wherever the file name PLMSZIP.EXE appears be sure to replace it with the file name **PLMSFILE.EXE**, otherwise all the preceding steps must be completed again.

4.7.1 The PLMSFILE.EXE. Extraction of PLMSFILE will produce the following fourteen files.

- a. IDXREF.EXE
- b. IDPCN.EXE
- c. IDPCN2.EXE
- d. MAIN.EXE
- e. SL12P2I.EXE
- f. SL12P2.EXE
- g. SL13A.EXE
- h. SL13AI.EXE
- i. DISKSIZE.EXE
- j. PUBS.BAT
- k. INSTALLA.BAT
- l. INSTALLS.BAT
- m. INSTALLX.BAT
- n. INSTALL.BAT

4.7.2 Eight Compressed Files. Of these fourteen files, eight are also compressed files that must be extracted one at a time. These eight files are:

- a. MAIN.EXE
- b. IDXREF.EXE
- b. IDPCN.EXE
- c. IDPCN2.EXE
- e. SL12P2.EXE
- f. SL12P2I.EXE
- g. SL13A.EXE
- h. SL13AI.EXE

4.8 Installing PLMS from the Hard Drive. The actual installation of PLMS occurs simultaneous to extraction of the eight working files created by the extraction of PLMSFILE.EXE. The following procedures, although similar to those executed for PLMSZIP.EXE and PLMSFILE.EXE, detail that extraction/installation process. However, for the installation process to be successful, it is critically important that the extraction of each of the eight working files be accomplished with the "-o" command. Additionally, these eight files must be extracted in the exact sequence as listed in paragraph 4.7.2 preceding. This sequence is critical for them to properly work with one another and construct all the requisite PLMS libraries.

4.8.1 Installing PLMS from the hard drive, and extracting the working files in DOS. To extract the working files in DOS, follow the step by step instructions outlined below. While performing the "working file" extraction process be sure to extract the files in the sequence listed in paragraph 4.8 preceding. Also, type the command as it appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may precede, follow, or otherwise appear outside the quotes.

- a. At the DOS prompt type: "CD\PUBS".
- b. Press **enter**.
- c. At the DOS C:\PUBS >prompt type: "**MAIN -o**". Be sure to insert a blank space between the last letter of the file's name and the command switch "hyphen." Also, the command **switch is case sensitive**. This means it must be a **lower case Alpha o**.
- d. Press **enter**.
- e. The screen will flash and then you should see the following scroll down the screen:

```
"PKSFX (R) FAST!    Self Extracting Utility    Version 2.04g 02-01-93"
"Corp.. 1989-1993 PKWARE Inc. All Rights Reserved. Shareware version"
"PKSFX Reg. U. S. Pat. and Tm. Off."
```

"Searching EXE: C:/PUBS/MAIN.EXE"

"Inflating: PUBS.EXE"

"Inflating: PUBS.OVR"

"Inflating: PUBSUOM.TXT"

"Inflating: PUBSUOM.WPF"

"Inflating: PRTR_PAS.DAT"

"Inflating: PCNGROUP.DAT"

"Inflating: PCNCHANG.DAT"

"Extracting: Date.DAT"

"Inflating: TAM_REX.IDX"

Once the extraction is complete the screen should return to the DOS Prompt (C:\PUBS>):

f. Repeat the above for each of the remaining seven files listed at paragraph 4.8 preceding. Each file will self extract and produce different files, all of which are necessary for PLMS to function properly. For a complete list of all the files that each of the compressed files will produce, refer to Appendix B. Compare the lists in Appendix B to the extraction reports to verify the correct files are being produced in the proper sequence. This will assist you in ensuring the downloaded PLMSZIP.EXE file was received free of transmission errors, and that the PLMS process will function properly after installation.

4.8.2 Installing PLMS from the hard drive, extracting the working files in Windows 3.1, 3.11, and WindowsNT. To extract the working files in Windows 3.1, 3.11, or Windows NT, follow the step by step instructions outlined below. While performing the "working file" extraction process, be sure to extract the files in the sequence listed in paragraph 4.8 preceding. Also, type the command as it appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may precede, follow, or otherwise appear outside the quotes.

a. From Program Manager, click on "**File**" (located in upper left hand corner of the Windows screen).

b. In the Pop-Down Menu, click on "**Run**".

c. In the Pop-Down "Run" Control Box, click on "**Browse**".

d. In the Pop-Down "Browse" Control Box, use the cursor arrow/pointer to click on the "C:\\" next to the small "folder" icon in the left hand interior box located under "directories".

e. Using the cursor arrow/pointer, **click on** and **drag** down the small square **box** inside the "**scroll bar**" of the directories control box, you should see the list of your primary directories as you scroll upwards and pull/drag the small square box downward.

f. Drag the box downward until the "PUBS" directory appears. **Double-Click** on the "PUBS" directory. The files in the PUBS directory should appear in the right hand interior box. If all previous steps were completed successfully, then the file "Main.EXE" should appear there.

g. Click on "MAIN.EXE", the file name MAIN.EXE should appear in the "File Name" control box.

h. Click on "OK".

i. The "Run" control box should reappear with C:\PUBS\MAIN.EXE in the "Command Line" box. Now place the cursor/mouse pointer next to the last "E" in the file name and click there. The cursor should become a flashing straight up & down line. Insert a single space at the end of the file's name and then type -o (a hyphen and a lowercase alpha o).

j. Now click on "OK".

k. The screen will go to a DOS screen, and you should see the following scroll down the screen:

```
"PKSFX (R) FAST!    Self Extracting Utility    Version 2.04g 02-01-93"  
"Corp.. 1989-1993 PKWARE Inc. All Rights Reserved. Shareware version"  
"PKSFX Reg. U. S. Pat. and Tm. Off."
```

```
"Searching EXE: C:/PUBS/MAIN.EXE"  
"Inflating: PUBS.EXE"  
"Inflating: PUBS.OVR"  
"Inflating: PUBSUOM.TXT"  
"Inflating: PUBSUOM.WPF"  
"Inflating: PRTR_PAS.DAT"  
"Inflating: PCNGROUP.DAT"  
"Inflating: PCNCHANG.DAT"  
"Extracting: Date.DAT"  
"Inflating: TAM_REX.IDX"
```

Once the extraction is complete the screen should return to the Windows, "Program Manager" screen.

l. Repeat the above for each of the remaining seven files listed at paragraph 4.8 preceding. Each file will self extract and produce different files, all of which are necessary for PLMS to function properly. For a complete list of all the files that each of the compressed files will produce, refer to Appendix B. Compare the lists in Appendix B to the extraction reports to verify the correct files are being produced in the proper sequence. This will assist you in ensuring the downloaded PLMSZIP.EXE file was received free of transmission errors and that the PLMS process will function properly after installation.

4.8.3 Installing PLMS from the hard drive, extracting the working files in Windows95. To extract the working files in Windows95, follow the step by step instructions outlined below. While performing the "working file" extraction process, be sure to extract the files in the sequence listed in paragraph 4.8 preceding. Also, type the command as it appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may precede, follow, or otherwise appear outside the quotes.

- a. Click on the **Start** button.
- b. In the Pop-Down Menu, click on **Run**.
- c. In the Pop-Down Run Control Box, click on **Browse**.
- d. In the Pop-Down Browse Control Box, use the mouse pointer to click on the downward pointing arrow located just to the right of the "Look in" box.
- e. In the Pop-Down Look in Box, use the mouse pointer to click on **C:** drive.
- f. Use the mouse pointer to **drag** the small square **box** inside the left-to-right **scroll bar** of the directories control box, to the right. You should see the list of your primary directories scroll to the left as you pull/drag the small square box to the right. Continue to drag the box to the right until the "PUBS" directory appears next to its folder **ICON**.
- g. Double Click on the **PUBS** directory **folder**. The PUBS directory with its folder **ICON** should jump up to the "Look in" control box and a list of executable files contained within the PUBS directory should appear in the lower box. If all previous steps were completed successfully, then the file "MAIN.EXE" should appear there.
- h. Click on "**MAIN.EXE**", the file name should appear in the lower "File Name" box.
- i. Now click on "Open."
- j. The RUN box should reappear with "**C:\PUBS\MAIN.EXE**" in the "Open" control box.
- k. Now place the cursor/mouse pointer next to the last "E" in the file name and click there. The cursor should become a flashing straight up & down line. Insert a single space at the end of the file's name and then type **-o** (a hyphen and a lowercase alpha o). The command line should appear as: "**C:\PUBS\MAIN.EXE -o**".
- l. Click on "**OK**."
- m. The Win95 DOS window should open and you should see the following scroll down the screen.

"PKSFX (R) FAST! Self Extracting Utility Version 2.04g 02-01-93"
"Corp.. 1989-1993 PKWARE Inc. All Rights Reserved. Shareware version"
"PKSFX Reg. U. S. Pat. and Tm. Off."

"Searching EXE: C:/PUBS/MAIN.EXE"
"Inflating: PUBS.EXE"
"Inflating: PUBS.OVR"
"Inflating: PUBSUOM.TXT"
"Inflating: PUBSUOM.WPF"
"Inflating: PRTR_PAS.DAT"
"Inflating: PCNGROUP.DAT"
"Inflating: PCNCHANG.DAT"
"Extracting: Date.DAT"
"Inflating: TAM_REX.IDX"

n. When extraction is complete all screen activity will halt. Click on the "X" in the upper right hand corner to close the DOS screen. Repeat the above for each of the remaining seven files listed at paragraph 4.8 preceding. Each file will self extract and produce different files, all of which are necessary for PLMS to function properly. For a complete list of all the files that each of the compressed files will produce, refer to Appendix B. Compare the list in Appendix B to the extraction reports to verify the correct files are being produced in the proper sequence. This will assist you in ensuring the downloaded PLMSZIP.EXE file was received free of transmission errors, and that the PLMS process will function properly after installation.

4.9 Installing PLMS from the distribution diskettes. Installation of PLMS using the distribution diskettes is much simpler than the process for installation from the hard drive. For information on how to construct distribution diskettes refer to Appendix A.

4.9.1 Installing PLMS from distribution diskettes in DOS. To install PLMS (extract the working files) from the distribution diskettes in DOS, follow the step by step instructions outlined below. While performing the installation process, be sure to insert the diskettes when prompted to do so and in their proper numerical sequence. Only in this manner can you be sure the working files are extracted in the sequence necessary to properly construct your PUBS library files. Also, be sure to type the command as it appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may precede, follow, or otherwise appear outside the quotes.

- a. Insert the disk labeled Distribution Diskette #1 into the A: Drive and engage/close the drive latch.
- b. At the DOS prompt type: "A:".
- c. Press **enter**.

d. At the DOS A:\> prompt type: **"INSTALL C: C:"**. Be sure to insert a blank space between the last letter of the install command and the first drive letter C and between the colon following the first drive letter C and the second drive letter C.

e. Press **enter**.

f. The screen will flash and then you should see the words **" Copying Files...."**

g. When the install program is finished with each disk it will prompt you for the next. The prompt will appear similar to:

"Place PUB INSTALL DISK 2 in Drive A:"

"Press any key to continue . . ."

h. Once the installation is complete the screen should present the following message and then return to the DOS Prompt at the PUBS directory (i.e., C:\PUBS>):

" INSTALLATION COMPLETE "

" A batch file, PUBS.BAT has been added to your root directory "

" Execute the PUBS program by typing PUBS at the DOS prompt "

i. During the installation process each of the eight working files listed at paragraph 4.8 preceding will self extract and produce different library files, all of which are necessary for PLMS to function properly. For a complete list of all the files that each of the compressed files will produce, refer to Appendix B. Compare the list in Appendix B to the contents of the PUBS directory to verify the correct files were produced during the installation process. This will assist you in ensuring the downloaded PLMSZIP.EXE file was received free of transmission errors, and that the PLMS process will function properly after installation.

4.9.2 Installing PLMS from the distribution diskettes in Windows 3.1, 3.11, and WindowsNT.

To install PLMS from the distribution diskettes in Windows 3.1, 3.11, or Windows NT, follow the step by step instructions outlined below. While performing the installation process be sure to insert the diskettes when prompted to do so and in their proper numerical sequence. Only in this manner can you be sure the working files are extracted in the sequence necessary to properly construct your PUBS library files. Also, type the command as it appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may precede, follow, or otherwise appear outside the quotes.

a. Insert the disk labeled Distribution Diskette #1 into the A: Drive and engage/close the drive latch.

b. From Program Manager, click on **"File"** (located in upper left hand corner of the Windows screen).

c. In the Pop-Down Menu, click on **"Run"**.

d. In the Pop-Down "Run" Control Box, click on "**Browse**".

e. In the Pop-Down "Browse" Control Box, use the cursor arrow/pointer to click on the small "**arrow**" to the right hand side of the small "Drives" control box in the lower central area of the "Browse" control box located under "directories".

f. A list of available drives (by drive letter) should appear. Click on the "**Drive ICON**" next to the A: drive.

g. A list of executable files on the diskette in the A: drive should appear. If you don't see it on the list, first double check to ensure you have the #1 distribution disk in drive A: and then **drag** down the small square box inside the "**scroll bar**" of the files control box. You should see the list of executable files scroll upwards as you pull/drag the small square box downward. Do this until "install.bat" appears.

h. Click on "**install.bat**". The file name INSTALL.BAT should appear in the "File Name" control box.

i. Click on "**OK**".

j. The "Run" control box should reappear with A:\INSTALL.BAT in the "Command Line" box. Now place the cursor/mouse pointer next to the last "T" in the file name and click there. The cursor should become a flashing straight up & down line. Insert a single space at the end of the file's name and then type "C: C:" (Uppercase C a colon a space and another uppercase C with another colon).

k. Now click on "**OK**".

l. The program manager screen should divert to a DOS screen and you should see the words: "**Copying Files....**"

m. When the install program is finished with each disk it will prompt you for the next. The prompt will appear similar to:

"Place PUB INSTALL DISK 2 in Drive A:"

"Press any key to continue . . . "

n. Once the installation is complete, the screen should present the following message and then return to the Windows "Program Manager" screen.

" INSTALLATION COMPLETE "

" A batch file, PUBS.BAT has been added to your root directory "

" Execute the PUBS program by typing PUBS at the DOS prompt "

o. During the installation process, each of the eight working files listed at paragraph 4.8 preceding will self extract and produce different library files, all of which are necessary for PLMS to function properly. For a complete list of all the files that each of the compressed files will produce, refer to Appendix B. Compare the list in Appendix B to the contents of the PUBS directory to verify the correct files were produced during the installation process. This will assist you in ensuring the downloaded PLMSZIP.EXE file was received free of transmission errors and that the PLMS process will function properly after installation.

4.9.3 Installing PLMS from the distribution diskettes in Windows95. To install PLMS from the distribution diskettes in Windows95, follow the step by step instructions outlined below. While performing the installation process, be sure to insert the diskettes when prompted to do so and in their proper numerical sequence. Only in this manner can you be sure the working files are extracted in the sequence necessary to properly construct your PUBS library files. Also, type the command as it appears in bold inside the quote marks exactly as presented. **DO NOT** include the quote marks nor any periods, dots, dashes, or other symbols that may precede, follow, or otherwise appear outside the quotes.

- a. Insert the disk labeled Distribution Diskette #1 into the A: Drive and engage/close the drive latch.
- b. Click on the **Start** button.
- c. In the Pop-Down Menu, click on **Run**.
- d. In the Pop-Down Run Control Box, click on **Browse**.
- e. In the Pop-Down Browse Control Box, use the mouse pointer to click on the downward pointing arrow located just to the right of the "Look in" box.
- f. In the Pop-Down Look in Box, use the mouse pointer to click on A:\ drive.
- g. Use the mouse pointer to **drag** the small square **box** inside the left-to-right **scroll bar** of the directories control box to the right. You should see the list of the executable files on the diskette in A: drive list from left to right. To scroll through them, drag the small square box to the right. Continue to drag the box to the right until the "install" file appears next to its program file ICON.
- h. Click on "**install**", the file name should appear in the lower "File Name" box.
- i. Now click on "**Open**."
- j. The RUN box should reappear with "A:\INSTALL.BAT" in the "Open" control box.
- k. Now place the cursor/mouse pointer next to the last "T" in the file name and click there. The cursor should become a flashing straight up & down line. Insert a single space at the end of

the file's name and then type "C: C:" (Uppercase C a colon a space and another uppercase C with another colon).

m. Click on "OK."

n. The Windows95 DOS window should open and then you should see the following words appear in the upper left hand corner of the screen. " **Copying Files....**"

o. When the install program is finished with each disk it will prompt you for the next. The prompt will appear similar to:

"Place PUB INSTALL DISK 2 in Drive A:"

"Press any key to continue . . ."

p. Once the installation is complete the screen should present the following message.

" INSTALLATION COMPLETE "

" A batch file, PUBS.BAT has been added to your root directory "

" Execute the PUBS program by typing PUBS at the DOS prompt "

q. When extraction is complete all screen activity will halt. Click on the "X" in the upper right hand corner to close the DOS screen. During install each of the working files listed at paragraph 4.8 preceding will self extract and produce different files, all of which are necessary for PLMS to function properly. For a complete list of all the files that each of the compressed files will produce, refer to Appendix B. Compare the list in Appendix B to the extraction reports to verify the correct files are being produced in the proper sequence. This will assist you in ensuring the downloaded PLMSZIP.EXE file was received free of transmission errors, and that the PLMS process will function properly after installation.

4.10 Check Installation/Extraction results. Once you have finished extracting each of the eight files listed at paragraph 4.8 preceding, with the -o switch, or installing PLMS from the distribution diskettes. Check the contents of your PUBS directory to ensure all the necessary files are present. Refer to Appendix B for a complete list of the PLMS working files that should be resident.

4.11 Complete the Installation. The final extraction step is to copy the PUBS.BAT file to the root directory; and edit its contents, and make it the execution command for PLMS. This occurs automatically during installation from the distribution diskettes. To accomplish this perform the following:

a. In DOS, from the root directory DOS prompt (i.e., C:>), type "**copy C:\PUBS\PUBS.BAT**" and press enter. The systems should respond with "1 file(s) copied" or a similar positive response indicating the file was copied. Now use the DOS text editor to edit the contents of PUBS.BAT. When finished it should contain all of three lines that read as follows:

"cls"

```
"cd \PUBS"  
"PUBS C:"
```

b. In Windows 3.1, 3.11, NT, and Windows95, one way to accomplish this final installation step is to click on the "MS_DOS" ICON and perform the procedure as outlined in paragraph 4.11.a preceding, or you can use either NotePad or WordPad to edit the PUBS.BAT file and do essentially the same thing. Regardless of which text editor you use the PUBS.BAT file should read exactly the same as presented in 4.11.a preceding.

c. Once you have successfully edited and saved the PUBS.BAT file in the root directory, you should be able to type the file name "PUBS" at any DOS prompt regardless of directory or sub-directory location and PLMS should execute. Windows users can add an ICON to their desktop or other application folder by following the procedure outline in paragraph 4.12 .

4.12 Assign the PLMS application an ICON for Windows execution. Refer to your Windows manual to assign PLMS an ICON for execution within Windows as a DOS application. When you do assign the ICON, be sure to use C:\PUBS\PUBS C: as the Command Line entry and C:\PUBS as the working directory.

4.13 System Setup. System setup is only required for initial installations. A PC that had PLMS installed and the current installation was an update will not require setup as both Unit and Section Library diskettes should already exist. These disk will be updated when inserted at the startup prompts. For initial installations, setup is dependent upon whether the PC is to be configured as a unit Directives Control Point (DCP), a supply office, or a supported unit section like the maintenance management office, unit armory, or other commodity area. The setup procedures require two blank and properly formatted diskettes. After the installation process is completed place a blank properly formatted diskette into the A: drive and:

a. At the DOS prompt type **PUBS** and press **enter**, or in Windows **double click on the PUBS ICON**. If all the preceding installation steps were properly completed, the PLMS process should begin and you should be faced with your first screen. It should pose a question similar to the following, answer appropriately and press enter.

(1) **Are you using a color Monitor (Y/N):** type Y for yes or N for no and press enter.

(2) **Default Data Drive: A\ (Diskette Drive containing startup diskettes)**
Type in the appropriate drive letter and press enter. Default is always A: drive. The drive letter you type in here is the one you will have to use for your Unit and Section library and rollout data diskettes.

(3) **Are you using a Local Area Network (Y/N):** type Y for yes or N for no and press enter.

b. At the declarations screen press enter. You will see a banner appear at the top of the screen indicating this is the **"PUBLICATION SYSTEM START UP"** and beneath that the following message should appear (this will appear only if a blank formatted diskette is in the A: drive or the drive is empty):

"INCORRECT DISK IN DRIVE, UNIT LIBRARIES NOT FOUND"

**Correct or press < ESC > to abort
or press < F1 > to create files on this diskette.**

c: Press **F1**.

d. The system should pause a moment and then you should see the following message appear:

" INSERT SECTION LIBRARY DISKETTE IN DRIVE B:\ "

e. Remove the diskette and label it "Unit Library Disk."

f. Insert the second blank formatted diskette into A: drive.

g. The system will read the blank disk and respond with the following message: (this will appear only if a blank formatted diskette is in the A: drive or the drive is empty):

"INCORRECT DISK IN DRIVE, SECTION LIBRARIES NOT FOUND"

**Correct or press < ESC > to abort
or press < F1 > to create files on this diskette.**

h: Press **F1**.

i. The system will write the basic section library files to the disk and then you will be presented with the **"EDIT BASIC UNIT DATA"** screen. Remove the disk from A: drive and label it "Section Library Disk." To complete the setup for a DCP, proceed to paragraph 4.13.1, to complete the setup for a unit Supply Office proceed to paragraph 4.13.2, and to complete setup for a supported unit section proceed to paragraph 4.13.3.

4.13.1 Setup for a DCP. Setup for the DCP allows users to "roll up" section libraries or Intermediate DCPs (see paragraphs 5.1.1.5 and 5.3.1.6). To setup the PC as a PLMS DCP workstation, at the **"EDIT BASIC UNIT DATA"** screen, enter the appropriate information at each of the prompts as indicated:

Note: With the advent of MCPDS and its publication ordering on-line capability, publication requisitioning is no longer practical and many setup option entries are no longer applicable.

a. Unit Activity Account Code: (six digit Department Of Defense Activity Address Code)

- b. Unit Doc ID Location: **(No longer applicable, use either entry).**
- c. DCP Name: (Type in DCP in all uppercase letters)
- d. Supplementary Address: (six digit code that identifies the unit or section (e.g., MAINT, ARMORY, SUPPLY, MMO, or IDCP).
- e. IACN: (seven digit Individual Activity Code number assigned by CMC (ARDE)).
- f. Priority: **(No longer applicable to publications, accept any choice).**
- g. Media Status: **(No longer applicable to publications, accept either choice).**
- h. Add CRLF to A41003: Y = Yes, N = No. **(No longer applicable to publications, accept either choice).**
- i. Ensure your newly created Section Library Disk is in the designated data drive and press **F2** when complete.

4.13.2 Setup for a Supply Office. The Supply Office PLMS PC setup is identical to that in paragraph 4.13.1 preceding except that on the line for the "DCP Name" type the word **SUPPLY** in all uppercase letters.

4.13.3 Setup for a Supported Section. The supported section PLMS PC setup is identical to that in paragraph 4.13.1 preceding except that on the line for the "DCP Name" the sections name or office code is entered.

4.14 Installation and Setup for Local Area Network. PLMS can be installed on a Banyan LAN and accessed by multiple users simultaneously. The DCP unit and supported section libraries will still be on floppy diskettes but the nuts and bolts of PLMS and all its working files will reside on the LAN. To install PLMS on the Banyan LAN, the network administrator must perform the following:

- a. Logon to the LAN.
- b. Insert installation disk #1 into drive A:
- c. Go to the A: drive DOS prompt.
- d. At the A: drive DOS prompt type: INSTALL C: X: (X = the LAN drive letter where PLMS will reside and allow shared access).
- e. After installation set the "Banyan Attribute command" = multiple access [i.e., Z:SETATTR X:\PUBS+S*.* (X = the LAN drive letter where PLMS was installed and shared access is available)].

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f. At each users PC, follow all installation and setup procedures outlined in paragraphs 4.9 through 4.13 preceding.

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